PENDING CLAIMS AS AMENDED

Please amend the claims as follows:

1.   (Currently Amended) ~~In a wireless communication system,~~ An apparatus within a remote station of a wireless communication system ~~for triggering a broadcast of a transmission parameters message from a base station~~, comprising:

a memory element; and

a processing element configured to execute a set of instructions stored in the memory element, the set of instructions for:

determining whether a stored set of transmission parameters is current; and

if the stored set of transmission parameters is not current, then transmitting a re-transmission request for a current set of transmission parameters on a reverse link channel to a base station~~; and~~

~~if the stored set of transmission parameters is current, then decoding a data packet using the stored set of transmission parameters~~.

2.   (Original) The apparatus of Claim 1, wherein the reverse link channel is an Acknowledgment (ACK) Channel.

3.   (Original) The apparatus of Claim 2, wherein the re-transmission request has the form of a pattern of ACK signals.

4.   (Original) The apparatus of Claim 2, wherein the re-transmission request has the form of a multiplicity of ACK signals

5.   (Original) The apparatus of Claim 1, wherein the reverse link channel is a Channel Quality Feedback (CQI) Channel.

6.   (Original) The apparatus of Claim 5, wherein the re-transmission request is carried by the fifth bit of a CQI symbol.

7.   (Original) The apparatus of Claim 6, wherein the re-transmission request is carried by the fifth bit of more than one CQI symbol.

8.   (Original) The apparatus of Claim 1, wherein determining whether the stored set of transmission parameters is current comprises:

performing a hand-off from a previous base station to the base station; and

if the hand-off is successfully completed, then determining that the stored set of transmission parameters is not current.

9.   (Original) The apparatus of Claim 1, wherein determining whether the stored set of transmission parameters is current comprises:

attempting to decode the data packet using the stored set of transmission parameters; and

if the data packet cannot be decoded using the stored set of transmission parameters, then determining that the stored set of transmission parameters is not current.

10. (Currently Amended) In a wireless communication system, an infrastructure element for controlling a broadcast of a control message, comprising:

a memory element; and

a processing element configured to execute a set of instructions stored in the memory element, the set of instructions for:

transmitting [[the]] a control message to a remote station, herein wherein the control message contains a set of transmission parameters by which a data packet is to be transmitted;

monitoring a reverse link channel for a re-transmission request;

if a re-transmission request arrives on the reverse link channel, then re-transmitting the control message; and

if a re-transmission request does not arrive on the reverse link channel, then transmitting the data packet.

11. (Original) The apparatus of Claim 10, wherein the reverse link channel is an Acknowledgment (ACK) Channel.

12. (Original) The apparatus of Claim 11, wherein the re-transmission request has the form of a pattern of ACK signals.

13. (Original) The apparatus of Claim 11, wherein the re-transmission request has the form of multiple ACK signals.

14. (Original) The apparatus of Claim 10, wherein the reverse link channel is a Channel Quality Feedback (CQI) Channel.

15. (Original) The apparatus of Claim 14, wherein the re-transmission request is carried by the fifth bit of a CQI symbol.

16. (Original) The apparatus of Claim 15, wherein the re-transmission request is carried by the fifth bit of more than one CQI symbol.

17. (Currently Amended) A method in a wireless communication system ~~for triggering a re-broadcast of a control channel message~~, comprising:

determining at a remote station whether a set of transmission parameters stored at [[a]] the remote station is current;

if the stored set of transmission parameters is not current, then transmitting a re-transmission request on a reverse link channel to a base station~~; and~~

~~if the stored set of transmission parameters is current, then decoding a data packet at the remote station using the stored set of transmission parameters.~~

18.   (Currently Amended) A method for controlling a re-broadcast of a control message, comprising:

transmitting the control message to a remote station, ~~herein~~ wherein the control message contains a set of transmission parameters by which a data packet is to be transmitted;

monitoring a reverse link channel for a re-transmission request;

if a re-transmission request arrives on the reverse link channel, then re-transmitting the control message; and

if a re-transmission request does not arrive on the reverse link channel, then transmitting the data packet.

19.   (Currently Amended) A method [[In]] in a wireless communication system, ~~a method for acknowledging missed control messages that are broadcast from a base station to a remote station,~~ comprising:

transmitting a control message from [[the]] a base station to [[the]] a remote station, wherein the control message contains a set of transmission parameters for a data packet to be ~~subsequently~~ transmitted to the remote station;

monitoring a reverse link channel at the base station for a re-transmission request from the remote station;

determining whether a set of transmission parameters stored at [[a]] the remote station is current;

if the stored set of transmission parameters is not current, then transmitting a re-transmission request on the reverse link channel to the base station, whereupon the base station re-transmits the control message; and

if the stored set of transmission parameters is current, then ~~not transmitting a re-transmission request on the reverse link channel to the base station, whereupon~~ the base station transmits the data packet, which the remote station will ~~subsequently~~ receive and decode using the stored set of transmission parameters ~~from the control message~~.

20.   (Currently Amended) An apparatus [[In]] in a wireless communication system, ~~an apparatus for controlling the transmission of control messages from a base station,~~ comprising:

means for transmitting a control message from [[the]] a base station to [[the]] a remote station, wherein the control message contains a current set of transmission parameters for a data packet to be subsequently transmitted to the remote station;

means for monitoring a reverse link channel at the base station for a re-transmission request from the remote station; and

means for determining at the remote station whether a set of transmission parameters stored at [[a]] the remote station is current;

means for transmitting a re-transmission request on the reverse link channel to the base station if the stored set of transmission parameters is not current, whereupon the base station re-transmits the control message using the means for transmitting the control message.

21.   (New) The apparatus of claim 1, wherein, if the stored set of transmission parameters is current, then decoding a data packet at the remote station using the stored set of transmission parameters.

22.   (New) The method of claim 17, wherein if the stored set of transmission parameters is current, then decoding a data packet at the remote station using the stored set of transmission parameters.